

DATA ETC.
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NOVEMBER 1st. 1982

Welcome to DATA ETC. new folks and all. Sorry there hasn't been a newsletter for a month but school has put me behind with the computer. So now I'm back with as much information to give you as possible. Note: We still have the GTIA chip in stock for \$21.00. Just stop in some time and pick one up.

Any computer purchased after January 81' has the new GTIA chip in it. I know there are plenty of computers out before January, that have the old CTIA chip.

In this month's newsletter, I will tell you about the hottest software programs available. I will tell you the advantages of owning an ATARI 810 disk drive verses the ATARI 410 cassette recorder and more etc.

If any of you know someone that has a home video game system, let him know that he can still trade his video game for an ATARI 400 or 800 computer system. The trade-in price is still \$100.00 for the video game and \$10.00/cartridge. Also, ATARI has a \$60.00 rebate going on until December 31, 1982. If a customer buys a 400 computer from us before Dec. 31 he can buy up to six game programs and get up to a \$60.00 rebate. Remember, it only lasts until December 31, 1982 or until we're out of stock. The ATARI 800 computer now has 48K RAM.

I have just received the C.ITH 8510 PROWRITER I dot matrix letter quality printer. This printer also features Hi-resolution graphics and Bi-directional printing. For \$650.00 you can get the PROWRITER I, which also prints at a phenomenally fast rate of 120 characters per second at ten characters per inch.

This printer has the capability of printing five different language characters, such as Japanese or how about Greek. It also has a 3K buffer for screen dump and word processing. This newsletter was not done by the 8510 but next month I will be in full swing using the 8510 PROWRITER I and the LJK Letter Perfect word processor.

FUN AND GAMES

If any of you have bought records before or looked at a top ten list of the best songs out for rock, country, soul, or classical music you'll be seeing more and more lists now for the top ten computer game programs available. I have a list of the weekly Hottest 100 recreation, business, and professional programs available. This is a very good guideline to use for purchasing software.

NEW from Broderbund Software, Inc. is a program that has impressed me in every angle I've looked at it. It must of done this to other people because it is #2 on the Top 100 list. Look for **CHOP LIFTER**. This game is available on diskette only and requires 48K. It has fantastic graphics and is very addicting! The adventurer controls a top secret Army surveillance helicopter. Your mission is to save your people from their burning homes and dodge the Russian tanks, jets and missiles from hitting your helicopter.

SYNAPSE has released two new programs: SHAMUS and SLIME. Both of these are super. Shamus requires 16K and is available on diskette or cassette. This game is very similar to Berserk in the effect that the operator controls a humanoid and has to fight robots. Fast action with four different game levels. Very good graphics and color. Slime requires 24K and is available on diskette or cassette. Slime is a one of a kind. The controller has to fight the slime from hitting his own ship in the rough seas. You might see a lightening storm or dark clouds. Very good graphics and color.

For you Dungeons and Dragons lovers, I have **TEMPLE OF APSHAI**. It is available on disk or cassette and requires 32K. The adventurer can create his own body strength, intelligence, ego and so on. The computer can generate a human for you if you don't want to be creative. The brave adventurer will go through the castle that is ruled by 60 different giant insects !!! He searches for treasures and magic arrows. Very good action and graphics.

There is a series of controllers out for the computer. One of the best is by WICO. This joystick sells for \$29.95 each and is gear driven instead of the old switch system Atari joystick. I have also heard that there will be a new controller available soon that will be styled for the Centipede and Missile Command users. This controller is the ball style. When I find out more about this controller, I will let you know in the following newsletter.

LJK Enterprises is the company that makes the most powerful microcomputer word processors I've used. This newsletter will be done in the near future by the LJK **LETTER PERFECT** word processor. This is available on disk or cartridge and requires only 16K. **LETTER PERFECT** has the capability of working with any parallel printer, as well as the flexibility of multiconfiguration of default formats and values.

HARDWARE AND THE FUTURE

Now I would like to touch a little bit on predictions made by a few computer system analysts. They predict that by 1985 there will be some type of computer, game or home management system in four out of five homes. Years from now, computers will probably not have any keyboard except for a few keys, because the computers will accept voice commands. A programmer can type a line of a program in by saying the line to the computer instead of the task of typing. Just another addition to make things easier. When it's available, we'll be here to introduce it to you.

Disk drives are predicted to appear more and more with home computers because people are getting tired of all the hassle of the error messages and the five to ten minute game load. When a person buys a disk drive he avoids minimum errors and can load a program in seconds verses minutes. The disk drive can also do some things that a lot of people overlook. A disk drive will allow a small business do any kind of accounting they want or prepare mailing labels. And most of all, some of the best games such as Chop Lifter and more new ones every day are available on diskette only. If any of you bring this newsletter to me, I will give you \$50.00 off the cost of the ATARI 810 disk drive.

There is a program out by Atari called THE HOME FILING MANAGER which you cooks will love. This program will store all your recipes and pull them out in less than a second. You can also print your recipes out now instead of having to write them long hand. This program is very good for keeping track of all of your credit card numbers, or you can keep a small mailing list. How about a phone directory? Why not, you can with the HOME FILING MANAGER. This program is available on diskette only, minimum 16K.

APX has a program called EASY-GRADER. Now a teacher can keep track of up to 30 students in one file and the computer will figure out the students grades on tests or for the semester. The teacher types in the points and the program does everything else. It will even grade on a curve. Available on diskette and requires 48K.

My address is:

GUDORF & SONS, INC.
C/O DATA ETC.
126 W. FOURTH ST.
MINSTER, OHIO 45865

HAPPY COMPUTING !!

MATTHEW GUDORF

THE WRAP-UP
H R
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P

There is a new educational program out called Sammy The Sea Serpent which is very good for ages four and up. It's the same thing as the short storys, but you have to help out the serpent by directing Sammy to the right place following the narrator's instructions. Available on 16K cassette.

I'd like to finish by telling you about some of the new programs we just received. Raster Blaster is a must game for all you pinball wizards. It is #9 on the top 100 games. It has very good fast action graphics. Available on 32K disk or cassette. Frogger is finally in. It has very good arcade action and good music to cross the logs with. Available on 16K cassette. K-Razy Shootout is another version of Berserk. Available on 8K cartridge. Alien Hell is a back breaking, addictive game. The player must go through the mazes of hell. Available on 16K cassette. Deluxe Invaders is just more for you arcade Space Invaders players. Available on 16K cassette or diskette.

In the next newsletter, I will be sending along a program from Mr. Douglas. If any of you have any programs you would like to share with me just send it to my address on the other side of this page or stop in and show me yourself.

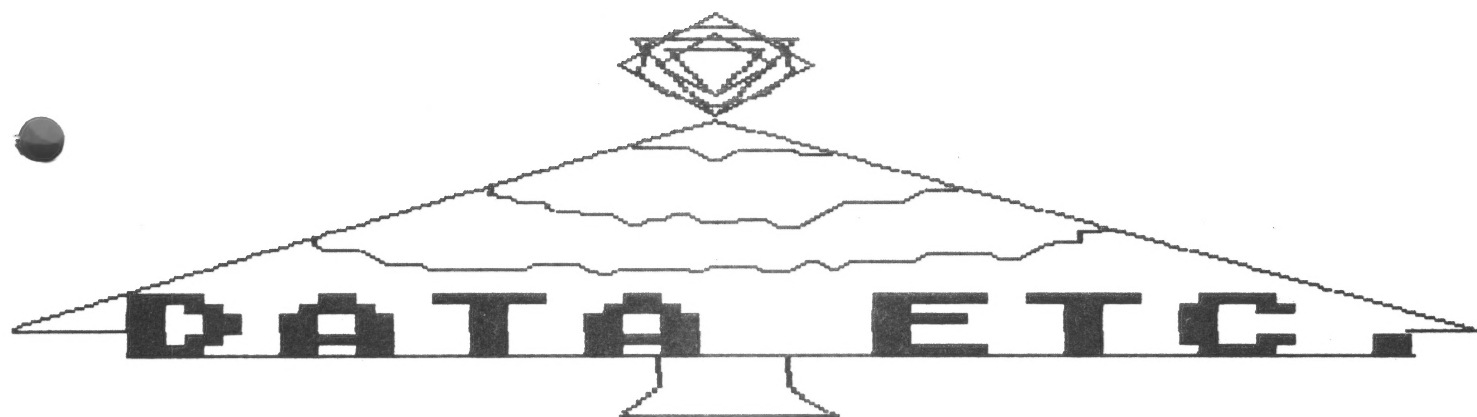
Letter from Dave Gudorf

It's very confusing for people to decide which computer to buy. Unfortunately the emphasis right now is price. For example, Texas Instrument's TV commercials are showing their computer at \$199.95 with rebate or the VIC-20 at a very low price.

If these computers were only \$100.00, they would still be a very poor value. The key is software. There are over 1,000 software choices with Atari, probably 20 for Texas Instruments and probably less for the VIC-20, which by the way only has 5K of memory. Also, if you start with an Atari 400 and later decide to trade up to an Atari 800, all of the software and peripherals from your 400 are completely compatible. Where you buy your computer is very important. When you need help running or writing a program you can call us for assistance. If you want to evaluate software before you invest, we allow you that option. And most important, you know of our competent service.

I use a 800/48K in our business with Visicalc software. I have just ordered a payroll system which will handle 50 employees on our 800. The Atari Bookkeeper for the home is due in any minute.

In conclusion, at the rate software is being developed for Atari, it not only makes it a more powerful computer now but it's future is unlimited.



**HAPPY
HOLIDAYS**



ODDS & ENDS

Here we are again, seems so soon. Right away I would like to tell you that we have a small quantity of Intec Peripherals 48K RAM board for your Atari 400, for only \$150.00 installed. We have issues #2,3, and 4 of Antic magazine. If any of you don't like the tiresome task of typing in the programs from some of the computer magazines I can give you a copy of the programs if you bring in a tape or disk. Remember, we have blank tapes and blank diskettes in stock. We sell the Elephant memory disk for \$2.80 for one single density, single sided diskette.

If you haven't noticed by now I've included a couple of programs on the last page. One of them is from Don Lachey. His program is designed to draw circular designs. Once you type in this program and RUN it, the computer will ask you what step you want. For starters, just type in a number between .001 and 100 and see what happens. For example, try hitting #3 RETURN. This will create a very nice design. For the best looking design type .01 RETURN and see what happens. One drawback with that last number is that it takes approximately 4-1/2 hours to draw this picture. The picture is great especially for you out there with a graphics printer because you can make a hard copy of it. Whenever the circle is finished, just hit the space bar and the program will re-run. The second program is by Andy Oldiges. Andy's program is one of a kind. Very nice sound effects and color. Once typed in just type RUN RETURN and plug your joystick in port #2. Then make your selection of four skill levels and 3 different scenarios. For different effects go to line #8020 and delete the last statement "POKE 53768,1" with the space bar and see what happens. Remember, if you want a copy of either of these programs just stop by and I can copy them on your cassette or disk.

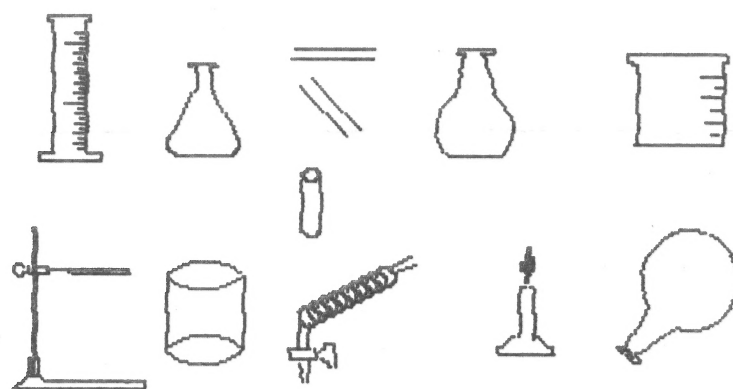
We have COMPUTE!'s First and Second books of Atari. Come in and pick one up. They have some very handy programs and program tips in them. There are a few other books in stock. Such as "INSIDE ATARI DOS" and also "COMPUTER MATH AND GRAPHICS SOURCE BOOK". In one or two weeks we'll have the DeRe Atari and Technical Users Notes. The In-Home keyboard will be in for the Atari 400. This keyboard will replace your old 400 keyboard and allow you to type with the same easeness as the 800 for only \$119.95.

Some of you are probably wondering what Atari Pilot is, since it's been getting pretty much publication in magazines for the Atari computer. There are two different pilot kits, one for a person who knows Basic programming and just wants to learn more and the other one for someone that doesn't know anything about computers at all. I'll do my best explaining the two set-ups and their use on the following page.

The Pilot training kit is the first one I want to talk about. This kit is the starter of all languages, starting with this going through the manual step by step will help the user program approximately 30% easier when he goes to other advanced languages. The kit has two cassettes in which you load on your computer and the computer will do the rest for you. It will start by telling you to follow along in the 300-400 page manual while it uses the talk-and-teach format, which is the best way for learning programming on a computer.

Pilot will teach you how to program a circle or a building, etc. Pilot has very simple color, fill, pen, etc. statements that are not available on Basic. So remember, Pilot was set up to teach you how to program a computer and then going to Basic language. Of course, Basic takes a while to figure out, but Pilot will help you understand Basic so much better. The Pilot kit also has a reading comprehension program along with it. The second set-up in Pilot is the Pilot guide, which has the Pilot programming cartridge and a Pilot self-teaching guide. This was made for the people who know how to program and just want to try out another language. Of course, the two kits will have a difference in prices. Come in and I'll show you the whole Pilot kit. In the future I will be asking for people out there that already have Pilot to write me some Pilot programs for me to publish.

If any of you are curious how I generated the graphics on each page, I have just started messing around with the brand new program called "GRAPHIC MASTER", which allows you to do any kind of graphics pictures usually done in graphics 8 mode. All you have to do is plug in your joystick and start drawing. No matter what you draw or write the computer will accept it without further questions. This program comes with pre-programmed pictures already, such as this chemical diagram:



The Graphic Master is pre-programmed to draw any size circle or polygon of your choice of size and number of sides. Just with a few strokes of your keyboard you can draw some surprisingly good pictures. The main thing to think about, is this program will dump any picture you draw onto your printers.



If any of you wanted to buy software for your 400 but the package says 800 only, that's not so. Any software, whether business or advanced graphics will work on your 400 computers. The main reason companies might say only 800 computer is because the 800 can be expanded to 48K by Atari expansion boards. The 400 is still only upgradeable to 16K to other companies eyes because they fail to realize there are many other companies making expansion boards for the 400. Have you ever played the arcade game called "Scrambler"? Now you can play this game on your 400 or 800 with only 16K. This program will test your skills with the joystick. This program is called "Airstrike" from ENGLISH SOFTWARE. It has five difficulty levels and fantastic graphics and is available on cassette. Disk will be available soon.

In the last DATA ETC... I said I would get back to you on the track-ball controller for games like Missile Command and Centipede. I was able to find the company with a very good track-ball. We now have Track-Ball in stock from the WICO company. This controller consists of a joystick style base, but instead of a stick it has a steel ball. All you have to do is move the ball in the direction you want to go. One of the smoothest controllers out.

For you Donkey Kong lovers I have a very good program for you called "Coal Miner 2049". If you're good enough at Donkey Kong, you probably know that it has only four levels or screens. Coal Miner has Ten screens and has very good graphics. This program is available on a 16K cartridge for the Atari 400 or 800.

Synapse Software, Inc. has done it again with their latest program called "Picnic Paranoia". This program has some of the best graphics I've ever seen on a 16K program. At the beginning, George has a fly swatter in his hand and has to run around the whole park grounds keeping the dreaded ants, flies and bees away from four of his food covered picnic tables. Very realistic, available on cassette or diskette.

Broderbund, Inc. who has lately released the hot selling "Chop Lifter", sent me another promising program called "Stellar Shuttle". You're the pilot of a N.A.S.A. rocket. The operator has to maneuver his rocket through an asteroid shower and land successfully to save one of the survivors of a spaceship crash.

Next month I will send everyone an updated list of all of the software that we have in stock and anything that is on order.

THE WRAP-UP

The response from our customers using the Dorsett educational cassettes has been very encouraging. We've been using Dorsett in our own home for over a year now and have seen immediate results. Many of the schools we sell to are also using the educational cassettes. We made an arrangement with Dorsett to bulk pack the tapes so we can now sell them to you one at a time instead of having to buy an eight tape series. So now you can buy whatever individual tape you need when you need it. If you're not using your Atari computer as an educator you could be missing a great opportunity to supplement your families education. Come in and ask for a free Dorsett catalog.

We are ending another year of business (our 36th) at Gudorf & Sons. We want to thank all of you for making it a pleasure to serve you. We would like to wish you a very Merry Christmas and a good 1983.

Dave Gudorf

I would like to leave you with the order to make some program or another for DATA ETC... . The excitement of seeing your own program being published is very rewarding. No matter what kind of program you have, bring it in and we'll look it over.

I would like to express my thanks to Don Lachey and Andy Oldiges for their contributing two programs for this issue. Very nice job, both of you. **THANK !!**

Just a reminder, if you haven't sent your rebate tickets to Atari do so because the rebate ends December 31, 1982.

All of us would like to wish you all a very Merry Christmas and a super New Year!!

Here is my address, so you can send in a program to me. No excuses now!

GUDORF AND SONS, INC.
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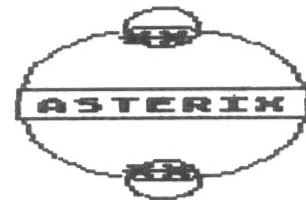
IN CARE OF DATA ETC...

Matthew Gudorf
Matthew Gudorf

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1 Q=2:DIM S$(1):S$=""
2 ? "":H=10:E=800:O=0:D=0:SKI=50:TSR=0:TK=0
10 GRAPHICS 2:SETCOLOR 4,4,8
11 POKE 752,1
12 POSITION 2,3:? #6;"#####"
13 GOSUB 8010
14 POSITION 2,4:? #6;"A S T E R I X #"
16 POSITION 2,5:? #6;"#####"
18 PRINT :? "      Designed by: ANDY OLDIGES"
22 PRINT "PUSH SELECT TO SELECT OPTIONS"
23 IF PEEK(53279)<>5 THEN 23
24 GOSUB 8000
25 SOUND 0,0,0:SOUND 1,0,0:SOUND 2,0,0:GRAPHICS 0:? :? :? :? :? "PUSH OPTION TO PICK GAME LEVEL"
26 POSITION 8,10:? "NO BARRIERS"          ":FOR W=1 TO 50:NEXT W
27 IF PEEK(53279)=3 THEN 30
28 IF PEEK(53279)=6 THEN QW=10:GOTO 7000
29 GOTO 27
30 POSITION 8,10:? "RANDOM BARRIERS"      ":FOR W=1 TO 50:NEXT W
31 IF PEEK(53279)=3 THEN 34
32 IF PEEK(53279)=6 THEN QW=12:GOTO 7000
33 GOTO 31
34 POSITION 8,10:? "WALLS"                ":FOR W=1 TO 50:NEXT W
35 IF PEEK(53279)=3 THEN 26
36 IF PEEK(53279)=6 THEN QW=14:GOTO 7000
37 GOTO 35
40 C=INT(RND(1)*36)+1:R=INT(RND(1)*21)+1:LOCATE C,R,QW:IF QW=160 THEN 40
41 GRAPHICS 0:POKE 752,1
42 IF QW=14 THEN GOSUB 6000:E=E+500
43 IF QW=12 THEN GOSUB 5000:E=E+200
44 TK=SK
46 COLOR 160:PLOT 0,0:DRAWTO 0,23:DRAWTO 39,23:DRAWTO 39,0:DRAWTO 0,0
47 GOSUB 8000:PLOT 0,0
48 GOSUB 700
49 POKE 752,1
50 POSITION C,R:? S$
51 SOUND 0,0,0:SOUND 1,0,0:SOUND 2,0,0,0
52 IF X=0 THEN GOSUB 950
53 IF C=Y AND R=Z THEN 600
59 IF 6>0 THEN 290
60 POSITION 1,0:? "SCORE: ";D
65 POSITION 12,0:? "TIME: "
70 POSITION 25,0:? "HIGH SCORE: ";T
290 U=STICK(1)
291 TSR=TSR+1:IF TSR<>TK THEN 310:YA=Y:ZA=Z
292 YA=Y:ZA=Z
293 CAN=INT(RND(1)*3)+Y-1:DO=INT(RND(1)*3)+Z-1
295 IF CAN=37 THEN CAN=36
296 IF DO=23 THEN DO=22
297 IF CAN=2 THEN CAN=3
298 IF DO=0 THEN DO=1
300 Y=CAN:Z=DO
303 IF YA=Y AND ZA=Z THEN 308
305 POSITION Y,Z:? "*"
306 POSITION YA,ZA:? " "
308 TK=TK+SK
310 0=1
315 E=E-1
317 POSITION 18,0:? E;" "
318 IF E<=0 THEN E=0:GOTO 800
320 IF U=6 THEN GOSUB 500:C=C+1:R=R-1:GOTO 400
325 IF U=7 THEN GOSUB 500:C=C+1:GOTO 400

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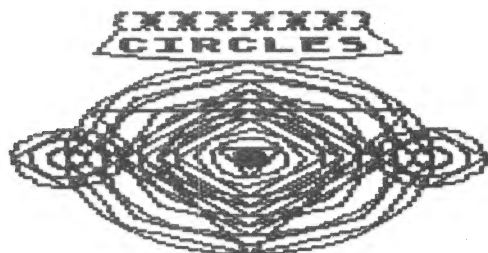
BY ANDY OLDIGES


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330 IF U=5 THEN GOSUB 500:C=C+1:R=R+1:GOTO 400
335 IF U=13 THEN GOSUB 500:R=R+1:GOTO 400
340 IF U=9 THEN GOSUB 500:R=R+1:C=C-1:GOTO 400
345 IF U=11 THEN GOSUB 500:C=C-1:GOTO 400
350 IF U=10 THEN GOSUB 500:C=C-1:R=R-1:GOTO 400
355 IF U=14 THEN GOSUB 500:R=R-1:GOTO 400
360 IF U=15 THEN 50
400 IF C=39 THEN C=1
405 IF R=23 THEN R=1
410 IF C=0 THEN C=38
415 IF R=0 THEN R=22
420 LOCATE C,R,QM:IF QM=160 THEN FOR FT=1 TO 50:NEXT FT:POSITION C,R:? " ":C=PO:R=IU:E=E-20
450 GOTO 50
500 SOUND 0,200,10,8:SOUND 1,210,10,7:POSITION C,R:? " "
505 PO=C:IU=R:RETURN
510 RETURN
600 D=D+1:POSITION Y,R:? D:POSITION 9,0:? D:? "}"
610 IF D=M THEN SOUND 0,10,10,15:SOUND 1,11,10,8:J=J+1:E=E+5:FOR W=1 TO 10:NEXT W:SOUND 0,0,0,0:SOUND 1,0,0,0
612 GOSUB 8000
615 POSITION 10,0:? E
620 IF D=M AND J<20 THEN POSITION 17,1:? "BONUS":GOTO 610
621 POSITION 17,1:? " ":IF D=M THEN M=M+10:J=0
622 IF SK=20 THEN POSITION Y-2,R:? " ":GOTO 630
623 IF SK=9 THEN POSITION Y-1,R:? " ":GOTO 630
624 IF SK=4 THEN POSITION Y,R:? " "
625 IF SK=2 AND QM=14 THEN POSITION Y,Z:? " ":GOSUB 6000:GOTO 630
626 IF SK=2 AND QM=12 THEN POSITION Y,R:? " ":SKI=10:GOSUB 5000:GOTO 630
627 IF SK=4 AND QM=14 THEN IF RND(1)<0.15 THEN GOSUB 6000:GOTO 630
628 IF SK=4 AND QM=12 THEN IF RND(1)<0.15 THEN SKI=5:GOSUB 5000
630 GOSUB 700:GOTO 50
700 Y=INT(RND(1)*32)+3:Z=INT(RND(1)*21)+1:POSITION Y,Z:? " ":RETURN
800 IF D>T THEN POSITION 5,10:? "CONGRADULATIONS! YOU HAVE":POSITION 5,11:? "THE HIGH SCORE.":K=T
810 IF D>T THEN T=D:POSITION 36,0:? T:POSITION 5,13:? "ENTER YOUR INITIAL!":INPUT S$
813 IF K=D THEN ? "}"
815 FOR W=1 TO 300:NEXT W
820 POSITION 10,10:? "FOR ANOTHER GAME":POSITION 10,11:? "PRESS THE BUTTON."
830 POSITION 8,13:? "FOR INSTRUCTIONS MOVE STICK."
840 X=STRIG(1):B=STICK(1):IF X=0 THEN GOTO 2
845 IF B<>15 THEN 1100
850 GOTO 840
950 RETURN
1100 RETURN
3000 GOTO 290
5000 ZX=INT(RND(1)*36)+1:CV=INT(RND(1)*21)+1:POSITION ZX,CV:? " ":TY=TY+1:IF TY<SKI THEN 5000
5100 TY=0:RETURN
6000 FOR ASDF=3 TO 21 STEP 3:FOR WERY=3 TO 35:POSITION WERY,ASDF:? " ":NEXT WERY:NEXT ASDF
6100 RETURN
7000 POSITION 10,12:? "1ST LEVEL (EASY) " :GOSUB 7110
7010 IF PEEK(53279)=3 THEN 7030
7020 IF PEEK(53279)=6 THEN SK=20:GOTO 40
7025 GOTO 7010
7030 POSITION 10,12:? "2ND LEVEL (SO-SO) " :GOSUB 7110
7040 IF PEEK(53279)=3 THEN 7050
7043 IF PEEK(53279)=6 THEN SK=9:GOTO 40
7045 GOTO 7040
7050 POSITION 10,12:? "3RD LEVEL (HARD) " :GOSUB 7110
7055 IF PEEK(53279)=3 THEN 7070
7060 IF PEEK(53279)=6 THEN SK=4:GOTO 40
7065 GOTO 7055
7070 POSITION 10,12:? "4TH LEVEL (VERY HARD!) " :GOSUB 7110
7080 IF PEEK(53279)=3 THEN 7000
7090 IF PEEK(53279)=6 THEN SK=2:GOTO 40
7100 GOTO 7080
7110 FOR W=1 TO 50:NEXT W:RETURN
8000 SETCOLOR 2,INT(RND(1)*15),2
8010 POLY=INT(RND(1)*100)+100

```

8020 SOUND 0,POLY,10,8:SOUND 1,POLY-1,10,6:SOUND 2,POLY-2,10,4:POKE 53768,1
8030 RETURN



BY DON LACHEY

```
10 X=80:Y=47:R=47:P=0
20 TRAP 20:? "WHAT STEP DO YOU WANT ";:INPUT S
30 GRAPHICS 23:POKE 708,150:POKE 709,52:POKE 710,254:C=0
40 FOR A=0 TO 1080 STEP S
50 X1=SIN(A)*(R)+X:Y1=COS(A)*(R-5)+Y
60 C=C+1:IF C>3 THEN C=1
70 R=R-S*43/1080:IF R<-45 THEN R=0
80 COLOR C
90 TRAP 110:PLOT X1,Y1
100 NEXT A
105 POKE 764,255
110 D=PEEK(708):POKE 708,PEEK(709):POKE 709,PEEK(710):POKE 710,D
120 IF PEEK(53279)=3 THEN P=P-3:IF P<-27 THEN P=-24
130 IF PEEK(53279)=5 THEN P=P+3
140 FOR T=1 TO 30:P:NEXT T
150 IF PEEK(764)<>255 THEN POKE 764,255:GOTO 10
160 GOTO 110
170 END
```


ODDS & ENDS

Welcome to Data Etc . . ., second month of the new year already. In this issue I am aiming towards filling you in on some of the newest and best software out, including some of the new programming books added to our new library. Since the beginning of the new year we have been getting many of the new games and finance programs. The **BookKeeper** is finally in along with **Home Financial Management**.

There have been many questions about Atari's new products out this year, mainly about the Atari 600. First of all, there will be no 600 released at least for the year of '83. This is what I was told straight from the factory. However, Atari is releasing the model #1200. Since the Electronic show is over and Atari has made up their mind about the 1200 styling and pricing, we will be getting literature on the 1200 soon. Along with the 1200, there were some other releases. The #410 recorder will be replaced by the new #1010 recorder. This recorder is supposed to be better on loading programs and is about half the size of the 410 or the size of a Walkman. It will sell for the same price as the 410. We will be getting literature on the new #1010.

For those of you that have overheard talk about us selling the **Franklin Ace**, you heard right. This will be oriented towards the business systems. More about the Franklin in the next newsletter.

I have asked Mosaic Electronics to send me more information on the new 64K board for the Atari 400. As soon as I get more information, I will let you know about it.

We have the January, February and March issues of **Creative Computing**. This magazine has some very good quality programs in it. The February issue of **Compute** is here. It has a very good skiing program. We have just received the McGraw-Hill "6502 Assembler", which is an excellent book for programmers that want to advance to machine(assembly) language. "Your Atari Computer", is here. This book will tell you more about your computer and programming with **BASIC** than any other book available. "Technical Reference Notes", is here. This book has very extensive diagrams and listings for a person to really understand how everything in a program is put through the internal parts of your computer, along with a handy memory map. "The Visicalc Book" is here. Visicalc has so many uses it can't all be put in one book. This book will answer the "what if" questions you have on any aspect of your business you want to explore.

ENTERTAINMENT

This page will briefly describe some of the new programs in stock. I will give a brief description of each game listed. If any of you see a game advertised on T.V. or a magazine, and we haven't said anything about it, just call me and if I've never heard of the program I will be sure to find out for you.

Defender and **Galaxian** are here from Atari. For the real voyager, **Defender** is very hard but a good arcade-copied game. Anyone that thought **Space Invaders** was good, will like the new **Galaxian**. It has the same set up as **Space Invaders** plus the **Galaxians** will dive on your ship. The graphics are far superior than any other copy. Both of these are cartridges and require only 16K.

Broderbund Software, Inc. has just sent us "**Stellar Shuttle**". In this game you will need to maneuver your shuttle craft down through an asteroid belt into the narrow landing wells, load your refugees and head back up to the mother ship. As you get better and better the asteroids get closer, to make it harder flying between them. You will also run into dragons which will attempt to eat your refugees if you're not fast enough. Requires 16K, cassette or disk versions.

Synapse Software, Inc. has done it again with their newest **Claim Jumper**. This game will take you out west during the goldrush where you'll have to fight another player for gold to survive. You are in an old ghost town where the tumbleweed and snakes rule. Dodge them and your opponent's bullets and you just might make some money. Is available on a 16K cartridge.

Moonbase 10 is a very good quality graphics, fast action game. The voice operated style gives it a finishing touch. There are four different screens you try to go through. Is available on 16K cassette or 32K diskette. P.D.I., Inc. is the producer of this fine game.

Sirius has two new programs out that will out-perform any program on the market in graphics resolution and color. The first one is "**Wayout**". This game is similar to **Pac-Man** but instead of looking at the whole maze at once you are inside the maze looking at the walls and outlets trying to find the way out. Requires 32K and a disk drive. "**Bandits**" is the other game out and the best of the two. In this game you land on the lunar base trying to protect your supplies from being shoplifted by the bandits. You will encounter **Phalanxes** who will fire heat sinking missiles at you, and the **Torrents**, who look very much like bats. They will be the ones to keep an eye on, because they are the ones who will try to sneak by you with all of your supplies. Excellent graphics, 48K disk only.

\$MALL + BUSINESS\$

I would like to tell you about some of the new business programs available. If you want to keep track of your Income and Expenses, The Home Financial Manager is the best program out for you to use to help plan and control your budget. You can set up a budget for the various categories of income and expenditures for each month throughout the year: car, holidays, mortgage, etc. It will tell you your budget balance for each month and at the end of the year. You enter your income and your exact financial position will come up either in figures or as a bar chart. All the details can be stored on cassette for you to call up at any time. The nice thing it has is the bar chart. This isn't available on many business programs and is very handy to see if your income was higher than expenses or hopefully not the other way.

The above program mentioned is nice for home financing but if you wanted to manage a small business, that's when the **Bookkeeper Kit** comes in handy. The first thing one notices is the separate Keypad. This is very nice for quick and easy record-keeping with numbers. The numeric keys are arranged in standard adding machine configuration. The Bookkeeper maintains accurate records and gives up-to-the-minute financial reports any time you need them. The package consists of four diskettes: Data entry, posting, a specially formatted Data Base diskette, and a sample Company data diskette. The Bookkeeper will prepare these reports: Profit and Loss Statement, Balance sheet, Trial Balance, General Ledger, Accounts Payable, and Accounts Receivable. It will also print these reports: Checks written, Cash received, Invoices written, General Journal, General ledger Accounts, Customers(numerical and alphabetical order), and Vendors(num. and alph.). It will accept 1,000 transactions per month, and up to 350 general ledger accounts, vendors, and customers. The Bookkeeper will work on any brand printer without having to make a driver. The Bookkeeper is self-guiding. Entry "prompts" help you enter dates, names, and dollar amounts. The user's guide speaks to your practical business sense. The sample data lets you completely familiarize yourself with the Bookkeeper before you start entering data for your own business.

If you want to print a letter, report or even a book word processing is something to consider. LJK has one of the most advanced word processors on the market. The main advantage with this word processor is that it will work with any kind of printer. You can use your printer manual to set up extra printing enhancements, such as **BOLDFACE PRINT**, UNDERLINING, etc., or you can use a driver already made up on the master disk. This word processor will work on a 40 or 80 column screen and can have up to 4 different formats(fonts) on one page at the same time. The LJK Letterperfect combined with the LJK Data Perfect mailing list generator will make a very powerful machine. You can personalize letters and forms by pulling the addresses from the Data Perfect disk and merge them with the letter on the Letterperfect. This newsletter was typed by the C.Itoh Prowriter printer combined with the LJK "Letter Perfect", and the labels on your envelope were typed by the "Data Perfect".

THE WRAP-UP

Letter From The President:

The T.V. set you have your Atari computer hooked up to is a very important part of your system. If your set is old or is too big a screen, you could be watching weak colors & very poor resolution. The optimum T.V. set for your Atari computer is a 12" or 13" color T.V. It seems such a shame when the Atari has so many colors & such phenomenal detail that your old set or your large screen is cheating you of the full joy of your Atari.

To make it easier for you to get a T.V. just for your computer, we are offering two T.V. sets at special prices: RCA 13" color T.V. at \$299.95 or a Sony 12" at \$399.95. These are great values. When you stop and think of the aggravation of sharing your computer T.V. in your home, a new portable color T.V. could be a real blessing.

Dave Gudorf, President

I need more programs to come in for this newsletter. If you need help on programming or are hung up on certain functions on the computer don't be embarrassed to ask, that's what I'm here for.

The In-Home conversion B-Keyboard is in stock now. I have installed one in the demo 400. Come over and take a look at it. It sells for \$119.95.

Here is our address:

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